

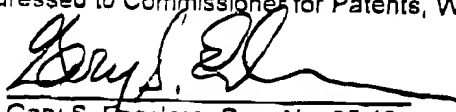
ATTORNEY'S DOCKET NO. N0401/7005

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Gavriel Vexler and Gilles Gagnon  
Serial No: 09/585,072  
Filed: June 1, 2000  
For: TWISTED PAIR CABLE WITH DUAL LAYER INSULATION HAVING IMPROVED TRANSMISSION CHARACTERISTICS  
Examiner: Mayo III, William H.  
Art Unit: 2831

## CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

The undersigned hereby certifies that this document is being placed in the United States mail with first-class postage attached, addressed to Commissioner for Patents, Washington, D.C. 20231, on the 22nd day of June 2001.

  
Gary S. Engelson, Reg. No. 35,128

COMMISSIONER FOR PATENTS  
WASHINGTON, D.C. 20231

Sir:

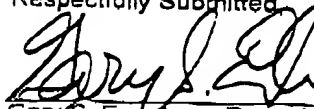
Transmitted herewith is/are the following document(s):

- [X] Power of Attorney by Assignee of Entire Interest (Revocation of Prior Powers), Request for Change of Correspondence Address and Request for Change of Attorney's Docket Number
- [X] Return Receipt Postcard

If the enclosed papers are considered incomplete, the Mail Room and/or the Application Branch is respectfully requested to contact the undersigned at (617) 720-3500, Boston, Massachusetts.

No fee is required. If the fee is insufficient, the balance may be charged to the account of the undersigned, Deposit Account No. 23/2825. A duplicate of this sheet is enclosed.

Respectfully Submitted,

  
Gary S. Engelson, Reg. No. 35,128  
Wolf, Greenfield & Sacks, P.C.  
600 Atlantic Avenue  
Boston, MA 02210-2211  
(617) 720-3500

Docket No. N0401/7005  
June 22, 2001  
NDD

## DOCKET NO: N0401/7005 (GSE)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Gavriel Vexler and Gilles Gagnon  
 Serial No: 09/585,072  
 Filed: June 1, 2000  
 For: TWISTED PAIR CABLE WITH DUAL LAYER INSULATION HAVING  
 IMPROVED TRANSMISSION CHARACTERISTICS  
 Examiner: Unassigned.  
 Art Unit: Unassigned

Commissioner for Patents  
 Washington, D.C. 20231

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST (REVOCATION OF  
 PRIOR POWERS) REQUEST FOR CHANGE OF CORRESPONDENCE ADDRESS  
 AND REQUEST FOR CHANGE OF ATTORNEY'S DOCKET NUMBER**

CABLE DESIGN TECHNOLOGIES, INC. as assignee of record of the entire interest of  
 the above identified application hereby revokes all prior powers of attorney given in connection  
 with this patent application, and appoints the following attorneys and/or agents to transact all  
 business in the Patent and Trademark Office connected therewith:

Robert M. Abrahamsen	40,886	Jason M. Honeyman	31,624	Randy J. Pritzker	35,986
Eric Amundsen	46,518	Robert E. Hunt	39,231	Robert E. Rigby, Jr.	36,904
John N. Anastasi	37,765	Ronald J. Kransdorf	20,004	Edward J. Russavage	43,069
Ilan N. Barzilay	46,540	Peter C. Lando	34,654	Stanley Sacks	19,900
Gary S. Engelson	35,128	M. Brad Lawrence	47,210	Christopher S. Schultz	37,929
Neil P. Ferraro	39,188	Helen C. Lockhart	39,248	Robert A. Skrivaneck, Jr.	41,316
Thomas G. Field III	45,596	Matthew B. Lowrie	38,228	Alan W. Steele	45,128
Stephen R. Finch	42,534	William R. McClellan	29,409	Mark Steinberg	40,829
Edward R. Gates	31,616	Daniel P. McLoughlin	46,066	Joseph Teja, Jr.	45,157
Richard F. Giunta	36,149	James H. Morris	34,681	John R. Van Amsterdam	40,212
Lawrence M. Green	29,384	M. Lawrence Oliverio	30,915	Robert H. Walat	46,324
George L. Greenfield	17,756	Timothy J. Oyer	36,628	Kristin D. Wheeler	43,583
James M. Hanifin, Jr.	39,213	Edward F. Perlman	28,105	Lisa E. Winsor	44,405
Therese A. Hendricks	30,389	Elizabeth R. Plumer	36,637	David Wolf	17,528
Steven J. Henry	27,900	Michael J. Pomianek	46,190	Douglas R. Wolf	36,971

Address all telephone calls to Gary S. Engelson at telephone no. (617) 720-3500. Address all correspondence to:

Gary S. Engelson  
c/o Wolf, Greenfield & Sacks, P.C.,  
Federal Reserve Plaza  
600 Atlantic Avenue  
Boston, MA 02210-2211

Please use Attorney's Docket Number N0401/7005 on all future correspondence in connection with this application.

CABLE DESIGN TECHNOLOGIES INC.  
Foster Plaza 7 - 661 Anderson Drive  
Pittsburgh, PA 15229  
Post Office Address

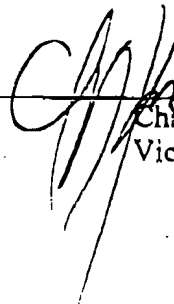
#### ASSIGNEE STATEMENT

Attached to this power is a "STATEMENT UNDER 37 C.F.R. § 3.73(b)."

Date: \_\_\_\_\_

6/12/01

By: \_\_\_\_\_



Charles B. Fromm  
Vice President, General Counsel

**CERTIFICATE UNDER 37 CFR 3.73(b)**Applicant: Gavriel Vexler and Gilles GagnonApplication No.: 09/585,072 Filed: June 1, 2000Entitled: TWISTED PAIR CABLE WITH DUAL LAYER INSULATION HAVING  
IMPROVED TRANSMISSION CHARACTERISTICSCABLE DESIGN TECHNOLOGIES, INC., a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university,  
government agency, etc.)

certifies that it is the assignee of the entire right, title, in the patent application identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel , Frame , or for which a copy thereof is attached

OR

B. ☒ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:1. From: Gavriel Vexler and Gilles Gagnon To: BN CUSTOM CABLES CANADA, INC.

The document was recorded in the Patent and Trademark Office at

Reel 011240 Frame 0133, or for which a copy thereof is attached.2. From: BN CUSTOM CABLES CANADA, INC. To: CABLE DESIGN TECHNOLOGIES, INC.

The document was recorded in the Patent and Trademark Office at

Reel \_\_\_\_\_ Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the Patent and Trademark Office at

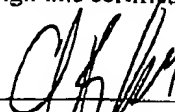
Reel \_\_\_\_\_ Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.☐ Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

6/18/01

Date



Signature

Charles B. Fromm

Typed or Printed Name

Vice President, General Counsel

Title

## ASSIGNMENT

BN Custom Cables Canada, Inc., a corporation duly organized under the laws of Canada and having a place of business at 212 Route 203 (Notre Dame), St. Chrysostome, Quebec J0S 1R0 and 790 Bériault Street, Longueuil, Quebec, Canada J4G 1R8 (hereafter referred to as "BN") and Cable Design Technologies Inc., a corporation duly organized under the laws of the State of Washington and having a place of business at Foster Plaza 7, 661 Anderson Drive, Pittsburgh, PA 15220 (hereafter referred to as "CDT"), hereby and agree as follows:

1. BN hereby sells, assigns and transfers to CDT, its successors, assigns and legal representatives, the entire right, title and interest for the United States, Canada and all other countries, in and to any and all conceptions, disclosures, and inventions which are disclosed in the applications for patents, patents and disclosures ("intellectual property rights") identified in the attached Schedule A, together with all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent or design patents which have been or shall be filed in the United States, Canada and all other countries on any of said conceptions, disclosures and inventions; and in and to all original and reissued patents which have been or shall be issued in the United States, Canada and all other countries on said inventions, including the right to apply for patent rights in each country and all rights to priority together with all income, royalties; all other conceptions and inventions relating to current or potential products; damages and payments now or hereafter due or payable with respect thereto, and to all causes of action (either in law or equity) and the right to sue, counterclaim and recover for past, present or future infringement of the rights assigned or to be assigned hereunder.
2. BN agrees that CDT may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of CDT, BN agrees to carry out in good faith the intent and purpose of this assignment, by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by timely executing all rightful oaths, declarations, assignments, powers of attorney and other papers and by providing such other reasonable assistance as CDT requests to vest title to said inventions, and all applications for patents and all patents on said inventions, in CDT.
3. CDT shall, within 3 business days following the date hereof, pay to BN an amount equal to Cdn. \$105,000 in consideration of the transfers and agreements contemplated herein.
4. BN covenants with CDT that no assignment, grant, mortgage, license, divestiture, encumbrance or other agreement affecting the rights and property herein conveyed has been made to others by it and that full right to convey the same as herein expressed is possessed by BN.
5. BN represents and warrants that: the patents, patent applications, disclosures are identified in the attached Schedule A comprise all the known patents, patent applications and disclosures owned by BN or to which BN has any rights or claims, in

law and or equity; and that since March 31, 1999, BN has not transferred any intellectual property rights.

6. (a) This Agreement shall be construed, interpreted and applied to in accordance with the laws of the Commonwealth of Massachusetts except that questions affecting the construction and effect of any patent shall be determined by the law of the country in which the patent has been granted; (b) this Agreement shall be governed in all respects by the laws of the Commonwealth of Massachusetts, except that its conflict of law rules shall not apply; and (c) in the event of controversy between the parties respecting the interpretation or application of the terms of this Agreement, the English language version of the Agreement shall be controlling.

B.N. CUSTOM CABLES CANADA, INC.

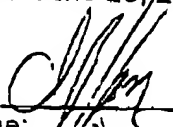
Date: June 23, 2000

By: \_\_\_\_\_  
Name:  
Title:

By: \_\_\_\_\_  
Notary Public  
My Commission Expires: \_\_\_\_\_

CABLE DESIGN TECHNOLOGIES INC.

Date: June 23, 2000

By:  \_\_\_\_\_  
Name: Charles B. Fournier  
Title: Vice President

Attest:

\_\_\_\_\_  
Secretary

law and or equity; and that since March 31, 1999, BN has not transferred any intellectual property rights.

6. (a) This Agreement shall be construed, interpreted and applied to in accordance with the laws of the Commonwealth of Massachusetts except that questions affecting the construction and effect of any patent shall be determined by the law of the country in which the patent has been granted; (b) this Agreement shall be governed in all respects by the laws of the Commonwealth of Massachusetts, except that its conflict of law rules shall not apply; and (c) in the event of controversy between the parties respecting the interpretation or application of the terms of this Agreement, the English language version of the Agreement shall be controlling.

B.N. CUSTOM CABLES CANADA, INC.

Date: June 23, 2000

By: *Naresh De Bora*  
Name: Naresh De Bora  
Title: Director

By: *Grace Loreto*  
Notary Public  
My Commission Expires: 11-23-2000

GRACE LORENTO  
Notary Public, State of New York  
No. 41-5604807  
Qualified in Queens County  
Commission Expires November 23, 2000

CABLE DESIGN TECHNOLOGIES INC.

Date: June 23, 2000

By: *[Signature]*  
Name: A. B. Fenn  
Title: Vice President

Attest:

Secretary

SCHEDULE A

**B.N. CUSTOM CABLES CANADA INC.  
PATENTS  
CANADA**

Registered Owner / Applicant	Title of Invention	Application No. / Patent No.	Filing Date / Issue Date
B.N. CUSTOM CABLES CANADA INC. 212 Route 203 (Noire-Dame) ST. CHRYSOSTOME, Québec, Canada J0S 1R0	CABLE WITH DUAL LAYER JACKET	Application Serial Number 2,202,609	Filed on May 30, 1997 This patent application is still pending
D.N. CUSTOM CABLES CANADA INC. 212 Route 203 (Noire-Dame) ST. CHRYSOSTOME, Québec, Canada J0S 1R0	DUAL INSULATED DATA COMMUNICATION CABLE	Patent No. 2,157,322	Filed on August 31, 1995 Issued on February 3, 1998

M.S. Word: 749038  
Update: June 2, 2000

Page 1 of 4



**B.N. CUSTOM CABLES CANADA INC.  
PATENTS  
U.S.A.**

Registered Owner / Applicant	Title of invention	Application No. / Patent No.	Filing Date / Issue Date
B.N. CUSTOM CABLES CANADA INC. 212 Route 203 (Notre-Dame) ST. CHRYSOSTOME, Québec, Canada J0S 1R0	DUAL INSULATED DATA COMMUNICATION CABLE	08/527,531 5,841,072	Filed on September 13, 1995 Issue Fee paid on June 16, 1998
B.N. CUSTOM CABLES CANADA INC. 212 Route 203 (Notre-Dame) ST. CHRYSOSTOME, Québec, Canada J0S 1R0	CABLE WITH DUAL LAYER JACKET	03/664,257	June 7, 1996 Application is still pending, Final appeal

**B.N. CUSTOM CABLES CANADA INC.  
PATENT  
EUROPE**

Owner / Applicant	Title of Invention	Application No. / Patent No.	Filing Date / Issue Date
B.N. CUSTOM CABLES CANADA INC.	Could not find title of the invention in the documents provided to us <i>Cable w/ Dual Layer Jacket</i>	97109149.1  EP No. 011992	Could not find the filing date in the documents provided to us  European search report under Rule 46(1) carried out

Disclosures

(in the files of the firms of Thelen Reid & Priest LLP and Leger Robic and Richard)

DISCLOSURE	DATE OF DISCLOSURE	STATUS
1. Data Communication cable construction with improved transmission performance having conductors with dual insulation comprising of at least one elastomer layer.	April 19, 1999 <i>*Currently in application form. # Not known.</i>	N/A
2. A data communication cable with flat pairs and a connector designed for optimum electrical performance and easy installation	May 31, 1999	N/A
3. A data communication cable with twist lay combinations designed for optimum electrical performance	August 12, 1999	N/A
4. Data communication cable construction with improved transmission performance and flame retardant properties having conductors with dual insulation comprising of one or more elastomer layers containing PTFE particles.	November 15, 1999	--